MAXIMUM PERMISSIBLE CURRENT IN PERMANENT MODE

SILICOUL® ST PUR 6.6 KV • FT 10303

Ambient temperature (°C)	2.5 mm²	4 mm²	6 mm²	10 mm²	16 mm²	25 mm²	35 mm²	50 mm²	70 mm²	95 mm²	120 mm²	150 mm²	185 mm²	240 mm²	300 mm²	400 mm²
0	71	94	120	169	223	295	362	454	567	678	793	907	1043	1241	1436	1701
10	69	91	116	164	216	285	351	439	549	656	768	878	1009	1201	1389	1647
20	67	88	112	158	208	275	339	424	530	634	741	848	975	1160	1342	1591
30	64	85	108	152	201	265	326	409	511	611	714	817	939	1118	1293	1533
40	62	82	104	147	193	255	314	393	491	587	687	786	903	1075	1243	1474
50	59	78	100	141	185	245	301	377	471	562	658	753	865	1030	1191	1413
60	57	75	95	134	177	234	287	360	449	537	628	719	826	984	1138	1349
70	54	71	91	128	168	222	273	342	426	509	598	684	782	936	1077	1284
80	51	67	86	121	158	207	255	320	396	472	554	638	724	871	998	1192
90	48	63	80	111	145	189	233	293	362	432	506	584	662	797	912	1089
100	44	57	72	100	130	170	210	264	325	388	456	526	595	717	821	981
110	38	50	64	88	115	149	184	232	286	341	400	462	523	630	720	861
120	32	42	54	74	97	126	156	196	241	288	338	390	441	532	608	727
130	25	33	42	58	76	99	122	154	189	226	265	306	346	418	478	571
140	17	22	28	39	50	66	81	102	125	149	175	203	229	277	315	378

SILICOUL® ST PUR 13.8 KV • FT 10304

0	71	94	120	168	220	291	357	447	558	666	779	888	1021	1214	1404	1667
10	69	91	116	163	213	282	346	433	540	645	754	860	988	1176	1359	1614
20	67	88	112	157	206	272	334	419	522	623	729	831	955	1136	1313	1559
30	64	85	108	152	199	262	322	404	503	600	702	801	921	1096	1266	1504
40	62	82	104	146	191	252	310	388	484	577	675	770	885	1054	1217	1446
50	59	79	100	140	184	242	297	372	464	554	648	739	849	1010	1167	1386
60	57	75	95	134	176	231	284	356	443	529	619	706	811	965	1115	1325
70	54	72	91	127	167	220	270	339	422	504	589	672	772	919	1062	1261
80	51	68	86	121	158	209	256	321	400	477	558	637	731	871	1006	1194
90	48	64	81	114	149	197	241	302	375	446	520	600	679	815	934	1112
100	45	60	76	106	139	180	221	275	338	401	469	541	611	734	842	1002
110	42	55	69	94	122	158	194	241	297	353	412	477	538	646	741	881
120	35	46	58	80	103	134	164	204	252	299	349	404	455	547	627	746
130	28	37	46	63	81	105	129	160	197	236	275	316	359	428	494	589
140	19	24	31	42	54	69	85	106	130	157	183	209	239	288	329	392

- All values in the tables are expressed in Amperes (A).
- Calculations are based on methods issued from IEC 60287 standard.
- 1 single cable in free air without heat source in it surrounding environment.
- DC supply or AC supply (F ≤ 60 Hz).
- Maximum temperature of core: +180°C.
- Maximum temperature on insulation: +150°C.

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LES CABLES DE L'EXTREME

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